13/22

505

```
B. INTERMEDIATE FILE (AFTER GENERALIZATION)
<group displayname='Specialty">
 <attributes>
   <class value="10,20,30"/>
   <sequential value="sequential"/>
   <align value="left"/>
   <name value="Specialty"/>
 </attributes>
 <atomic displayname="Automotive " xhtmlsourceid="131">
   <content>
    <contentitem displayname="Content Item" id="1" sourceid="131"/>
   </content>
   <attributes>
     <class value="10,20,30"/>
     <align value="left"/>
     <name enumerate="enumerate" value="Automotive "/>
    </attributes>
    <xhtmlpath generalized="true">
     <pathelement order="-1" type="a"/>
    </xhtmlpath>
  </atomic>
  <xhtmlpath>
    <pathelement axis="descendant::" order="-1" predicate="child::a and child::font"type="b"/>
  </xhtmlpath>
  </group>
```

FIG. 10B₁

```
204
                             14/22
<mark>∤</mark>Β₁
<group displayname="Categories">
 <attributes>
  <class value="10,20,30"/>
  <sequential value="sequential"/>
  <align value="left"/>
  <name value="Categories"/>
 </attributes>
 <atomic displayname="Antiques and Art " xhtmlsourceid="158">
  <content>
    <contentitem displayname="Content Item" id="1" sourceid="158"/>
   </content>
   <attributes>
    <class value="10,20,30"/>
    <align value="left"/>
    <name enumerate="enumerate" value="Antiques and Art "/>
   </attributes>
   <xhtmlpath generalized="true">
    <pathelement order="-1" type="a"/>
   </xhtmlpath>
  </atomic>
  <xhtmlpath>
   <pathelement axis="descendant::" order="-1" predicate="child::a and
                                                  child::img" type="b"/>
     </xhtmlpath>
   </group>
   <xhtmlpath>
     <pathelement order="1" type="body"/>
    </xhtmlpath>
  </group>
  <xhtmlpath>
    </xhtmlpath>
                                                FIG. 10Bp
 </arml>
```

206 -

15/22

c) Final Stylesheet

The relevant portion of the final XSL Stylesheet generated as a result of the generalization as depicted in the example of Case-2 is given below.

```
</group>
</xsl:template>
<xsl:template match="b" mode="Specialty">
  <group class="10,20,30" sequential="sequential" align="left" name="Specialty">
    <xsl:apply-templates select="a" mode="Automotive~"/>
  </aroup>
</xsl:template>
<xsl:template match="b" mode="Categories">
  <group class="10,20,30" sequential="sequential" align="left" name="Categories">
    <xsl:apply-templates select="a" mode="Antiques~and~Art~"/>
  </qroup>
 </xsl:template>
 <xsl:template match="a" mode="Automotive~">
   <atomic class="10,20,30" align="left" name="Automotive">
     <a href="{./@href}">
       <xsl:value-of select="normalize-space(.)"/>
     </a>
   </atomic>
 </xsl:template>
 <xsl:template match="a" mode="Antiques~and~Art~">
   <atomic class="10,20,30" align="left" name="Antiques and Art ">
     <a href="{./@href}">
       <xsl:value-of select="normalize-space(.)"/>
     </a>
   </atomic>
  </xsl:template>
```

FIG. 10C